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Catalogue of Publications



Commission of Conservation

Canada, 1913

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Commission of Conservation

CANADA

Hon. Clifford Sifton, *Chairman*
James White, Assistant to Chairman and Deputy Head

CATALOGUE OF PUBLICATIONS

Revised to December 1, 1913



Commission of Conservation

*Constituted under "The Conservation Act," 8-9 Edward VII, Chap. 27, 1909;
and amending Acts, 9-10 Edward VII, Chap. 42, 1910; and
3-4 George V, Chap. 12, 1913.*

Chairman:

HON. CLIFFORD SIFTON

Members:

HON. AUBIN E. ARSENAULT, Summerside, P.E.I.
DR. HOWARD MURRAY, Dalhousie University, Halifax, N.S.
DR. CECIL C. JONES, Chancellor, University of New Brunswick, Fredericton, N.B.
MR. WILLIAM B. SNOWBALL, Chatham, N.B.
HON. HENRI S. BELAND, M.D., St. Joseph-de-Beauce, Que.
MONSEIGNEUR CHARLES P. CHOQUETTE, St. Hyacinthe, Que., Superior, Seminary of St. Hyacinthe and Member of Faculty, Laval University
MR. EDWARD GOHIER, St. Laurent, Que.
DR. JAMES W. ROBERTSON, C.M.G., Chairman, Royal Commission on Industrial Training and Technical Education, Ottawa, Ont.
SIR SANDFORD FLEMING, K.C.M.G., Ottawa, Ont., Chancellor, Queen's University
HON. SENATOR WILLIAM CAMERON EDWARDS, Ottawa, Ont.
SIR EDMUND B. OSLER, M.P., Governor, University of Toronto, Toronto, Ont.
MR. CHARLES A. MCCOOL, Ottawa, Ont.
MR. J. F. MNCKAY, Business Manager, "The Globe," Toronto, Ont.
DR. B. E. FERNOW, Dean, Faculty of Forestry, University of Toronto, Toronto, Ont.
REV. DR. GEORGE BRYCE, University of Manitoba, Winnipeg, Man.
DR. W. J. RUTHERFORD, Member of Faculty, University of Saskatchewan, Saskatoon, Sask.
DR. H. M. TORY, President, University of Alberta, Edmonton, Alta.
MR. JOHN HENDRY, Vancouver, B.C.

Members, ex-officio:

HON. MARTIN BURRELL, Minister of Agriculture, Ottawa
HON. W. J. ROCHE, Minister of the Interior, Ottawa
HON. LOUIS CODERRE, Secretary of State and Minister of Mines, Ottawa
HON. JOHN A. MATHIESON, K.C., Premier and Attorney-General, Prince Edward Island
HON. ORLANDO T. DANIELS, Attorney-General, Nova Scotia
HON. JAMES K. FLEMMING, Premier and Surveyor General, New Brunswick
HON. JULES ALLARD, Minister of Lands and Forests, Quebec
HON. WILLIAM HEARST, Minister of Lands, Forests and Mines, Ontario
HON. JAMES H. HOWDEN, Attorney-General, Manitoba
HON. JAMES A. CALDER, Minister of Railways, Telegraphs and Telephones, Saskatchewan
HON. ARTHUR L. SIFTON, Premier, and Minister of Railways and Telephones, Alberta
HON. WILLIAM R. ROSS, Minister of Lands, British Columbia

Assistant to Chairman and Deputy Head:

MR. JAMES WHITE

Committees of the Commission of Conservation, 1913

Committee on Fisheries, Game and Fur-bearing Animals

Dr. C. C. Jones, Chairman; Hon. O. T. Daniels, Hon. J. K. Fleming, Hon. W. H. Hearst, Hon. J. H. Howden, Hon. J. A. Mathieson, Dr. Howard Murray, Dr. J. W. Robertson, Hon. W. R. Ross.

Committee on Forests

Senator W. C. Edwards, Chairman; Dr. B. E. Fernow, Mr. John Hendry, Hon. William J. Roche, Mr. W. B. Snowball, and the ex-officio Members of the Commission who represent the various Provinces.

Committee on Lands

Dr. J. W. Robertson, Chairman; Dr. George Bryce, Hon. Martin Burrell, Mgr. C. P. Choquette, Mr. E. Gohier, Dr. C. C. Jones, Dr. W. J. Rutherford, Dr. H. M. Tory, and the ex-officio Members of the Commission who represent the various Provinces.

Committee on Minerals

Mgr. C. P. Choquette, Hon. Louis Coderre, Mr. John Hendry, Dr. Howard Murray, and the ex-officio Members of the Commission who represent the various Provinces.

Committee on Press and Co-operating Organizations

Mr. J. F. Mackay, Chairman; Hon. Jules Allard, Dr. George Bryce, Dr. Howard Murray, Dr. H. M. Tory.

Committee on Public Health

Sir Edmund B. Osler, Chairman; Hon. H. S. Béland, Hon. Martin Burrell, Hon. J. A. Calder, Sir Sandford Fleming, Dr. Cecil C. Jones.

Committee on Waters and Water-powers

Hon. H. S. Béland, Chairman; Hon. Jules Allard, Hon. J. K. Fleming, Hon. W. H. Hearst, Mr. C. A. McCool, Hon. W. R. Ross

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Acts Respecting the Commission of Conservation

AN ACT TO ESTABLISH A COMMISSION FOR THE CONSERVATION OF NATURAL RESOURCES, 8-9
EDWARD VII, CHAP. 27.

(Assented to 19th May, 1909)

HIS MAJESTY, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. There shall be a body to be known as “The Commission of Conservation,” hereinafter called “the Commission.”

2. In addition to ex-officio members, the Commission shall consist of twenty members appointed by the Governor in Council, and who shall hold office during pleasure.

3. The Minister of Agriculture, the Minister of the Interior, the Minister of Mines and the member of each provincial government in Canada who is charged with the administration of the natural resources of such province shall be ex-officio members of the Commission.

4. Of the members appointed by the Governor in Council, at least one member appointed from each province shall be a member of the faculty of a university within such province, if there be such a university.

5. The Governor in Council may appoint one of the members of the Commission to be its chairman.

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6. The chairman shall preside at all meetings of the Commission, take the necessary steps for carrying into effect the decisions and recommendations of the Commission, direct the work of the permanent officers thereof, and generally act as the administrative head of the Commission.

7. The Commission shall meet annually on the third Tuesday in January, in the City of Ottawa, or in such other place in Canada as is decided by the Commission or by any committee thereof appointed to decide upon the place of meeting.

8. The chairman may, with the concurrence of five members of the Board, summon a special meeting of the Commission at any time or place.

9. No fees or emoluments of any kind whatever shall be received by the chairman or other members of the Commission, but they shall be repaid their actual reasonable disbursements incurred in travelling to, returning from, and remaining at meetings of the Commission. The chairman shall be paid any similar disbursements incurred in travelling or otherwise attending to the work of the Commission. Before any such payment is made a statement shall be rendered by the member of the Commission to whom payment is to be made, which statement shall be certified by the secretary and countersigned by the chairman, and thereafter payment may be made out of any moneys appropriated by Parliament for the purpose of the Commission.

10. It shall be the duty of the Commission to take into consideration all questions which may be brought to its notice relating to the conservation and better utilization of the natural resources of Canada, to make such inventories, collect and disseminate such information, conduct such investigations

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inside and outside of Canada, and frame such recommendations as seem conducive to the accomplishment of that end.

11. The Governor in Council may appoint a secretary to the Commission and such officers and clerks under him as are deemed necessary for carrying on the work of the Commission. Such officers and clerks shall be appointed under *The Civil Service Amendment Act, 1908*.

12. The Commission may, notwithstanding the provisions of *The Civil Service Act*, employ such assistants as are necessary for the purpose of any special work or investigation, and the remuneration and expenses of such assistants in carrying on the work committed to them may be paid out of the said Parliamentary appropriation on the certificate of the chairman and the secretary; but no permanent officer or employee shall be appointed by the Commission, and the employment of such assistants shall terminate immediately upon the completion of the special work for which they were employed.

13. The Commission shall make its report to the Governor in Council at the end of each fiscal year, and the said report shall be printed, and laid before both Houses of Parliament.

AN ACT RESPECTING THE COMMISSION FOR THE CONSER-
VATION OF NATURAL RESOURCES. 9-10

EDWARD VII, CHAP. 42.

(*Assented to 4th May, 1910*)

HIS MAJESTY, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. Chapter 27 of the statutes of 1909, intituled “An Act to establish a Commission for the Conservation of Natural Resources,” may be cited as *The Conservation Act*.

2. Section 7 of the said Act is repealed and the following is substituted therefor:—

“7. The Commission shall meet annually in the City of Ottawa, or in such other place in Canada as is decided by the Commission or by any committee thereof appointed to decide upon the place of meeting.

“2. The annual meeting shall be held on the third Tuesday in January, unless the Commission, by resolution, shall fix another date.”

3. Section 8 of the said Act is amended by adding thereto the following subsection:—

“2. The chairman, and the chairman of a committee may summon a meeting of such committee at any time or place.”

4. Section 9 of the said Act is amended by adding after the word “Commission” in the seventh line thereof the words, “The members of the Commission, when attending meetings of the committees of the Commission, shall be repaid their

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actual reasonable disbursements incurred in travelling to, returning from, and remaining at the meetings, or attending to the business thereof.”

5. Section 12 of the said Act is amended by adding thereto the following subsection:—

“2. Any committee of the Commission may, with the approval of the chairman of the Commission exercise all the powers conferred upon the Commission by this section.”

6. Section 13 of the said Act is amended by adding thereto the following subsection:—

“2. In addition to the annual report the Commission shall report from time to time to the Senate or to the House of Commons, through the Speaker thereof, whenever directed to do so by resolution of the Senate or of the House of Commons, as may be.”

7. The said Act is amended by adding thereto the following sections:—

“14. All mailable matter addressed to the Commission or to the secretary, at Ottawa, shall be free of Canada postage under such regulations as are from time to time made in that regard by the Governor in Council.

“15. No person appointed as secretary or as officer or clerk under him, or person employed as an employee for the purpose of any special work or investigation, shall, while appointed or employed as aforesaid:

“(a) purchase, lease, acquire or obtain, on royalty or otherwise, any Dominion or provincial franchises, fishery rights, water-powers, water privileges, lands, mines, mineral lands or timber limits, or in any way contract therefor or acquire any interest therein, either for himself or as agent for any other person or corporation;

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“(b) locate military or bounty land warrants or land scrip, or act as agent of any other person in such behalf;

“(c) disclose to any person, except to members of the Commission, any discovery made by him or by any of them, or any other information in his possession relating to matters under the control of the Commission, or in relation to their investigations, until such discovery or information has been reported to Parliament.

“16. Every person guilty of any violation of any provision in section 15 of this Act shall forfeit to His Majesty all property or interest so acquired or obtained, and shall also incur a penalty of one thousand dollars for each such violation.

“2. The acquisition of each item of property or interest therein or contract therefor, as aforesaid, shall be deemed a separate violation of the said section.

“3. Such penalties shall be recoverable on information filed in the name of the Attorney General of Canada, and a moiety thereof shall belong to His Majesty, and the other moiety thereof shall belong to the informer.”

AN ACT TO AMEND THE CONSERVATION ACT,
3-4 GEORGE V, CHAP. 12.

(*Assented to 6th June, 1913*)

HIS MAJESTY, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. Section 11 of chapter 27 of the statutes of 1909, intituled *An Act to establish a Commission for the Conservation of Natural Resources*, is repealed and the following is substituted therefor:—

“11. The Governor in Council may appoint an officer as assistant to the chairman and secretary of the Commission, who shall have the rank and salary of a deputy head of a department, and may appoint such officers and clerks under him as are deemed necessary for carrying on the work of the Commission. Such officers and clerks shall be appointed under *The Civil Service Amendment Act, 1908.*”

2. This Act shall come into force on a day to be fixed by proclamation of the Governor in Council published in *The Canada Gazette*.

Catalogue of Publications of the Commission of Conservation

ANNUAL REPORTS

1. First Annual Report (1910).

English edition, 8vo., pp. 216. *Out of print.*

French edition, 8vo., pp. 234.

Contains the following:

Acts establishing the Commission of Conservation; Order in Council appointing Commissioners; Members of the Committees of the Commission; and the following reports and papers:

*SIFTON, HON. CLIFFORD—Inaugural Address.

*GREY, HIS EXCELLENCY EARL—Address.

*†FERNOW, DR. B. E.—Scientific Forestry in Europe: its Value and Applicability in Canada.

*†ROBERTSON, DR. J. W.—The Conservation of Agricultural Resources.

*†HAANEL, DR. EUGENE—Possible Economies in the Production of Minerals of Canada.

*†COCHRANE, HON. FRANK—The Conservation of the Natural Resources of Ontario.

*†BECK, HON. ADAM—The Conservation of the Water-powers of Ontario.

*†EVANS, KELLY—Fish and Game in Ontario.

*†CONGDON, F. T.—Fur-bearing Animals in Canada, and How to Prevent their Extinction.

*†BRYCE, DR. P. H.—Measures for the Maintenance and Improvement of the Public Health.

*†GÜSSOW, H. T.—Diseases of Forest Trees.

*†HEWITT, DR. C. G.—Insects Destructive to Canadian Forests.

*†COUTLEE, C. R.—The Water Wealth of Canada with Special Reference to the Ottawa River Basin.

Reports of the Committees of the Commission.

Reports, Maps, etc., marked thus (*) have been printed separately.

Reports, Maps, etc., marked thus (†) are out of print.

C a t a l o g u e o f P u b l i c a t i o n s

Accompanying Maps:

1. *Proposed Forest Reserve on the Eastern Slope of the Rocky Mountains. Scale, 35 miles to 1 inch.
2. *Hydro-Electric Power Commission, Ontario, Power Transmission Lines, Niagara District. Scale, 35 miles to 1 inch.
3. *Basin of the Ottawa River. Scale, 35 miles to 1 inch.

2. Second Annual Report (1911).

English edition, 8vo., pp. 230. *Out of print.*

French edition, 8vo., pp. 236. *Out of print.*

Contains the following:

Address by Chairman, Hon. Clifford Sifton; Proposed Legislation *re* Forest Fires; Discussion of Mr. F. D. Monk's Bill respecting Water-powers; Resolutions adopted at Annual Meeting *re* Water-powers; Resolutions adopted by the Dominion Forestry Association; Reports of the Committees of the Commission; Opinions Given by the Commission in 1910; Proceedings of the Dominion Public Health Conference of 1910; Opinions of the Provinces on the Recommendations of the Dominion Public Health Conference; and the following reports and papers:

ROBERTSON, DR. J. W.—The Work of the Committee on Lands.

*†JAMES, C. C.—Agricultural Work in Ontario.

*†HODGETTS, DR. C. A.—Pure Water and the Pollution of Waterways.

HODGETTS, DR. C. A.—Memorandum on Biological Laboratories.

*†HODGETTS, DR. C. A.—Unsanitary Housing.

FERNOW, DR. B. E.—The Swedish Forest Conservation Law.

HENDRY, JOHN—The Work of Conservation;

Conserving the Forests;

Mining in British Columbia.

FLUMERFELT, A. C.—Forestry Problems of British Columbia.

SEYMOUR, DR. M. M.—Sewage Disposal in Saskatchewan.

REID, DR. A. P.—Tuberculosis.

HIGGINS, DR. C. H.—A Federal Health Laboratory and the Manufacture of Antitoxins and Sera.

Reports, Maps, etc., marked thus (*) have been printed separately.

Reports, Maps, etc., marked thus (†) are out of print.

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3. Third Annual Report (1912).

English edition, 8vo., pp. 154.

French edition, 8vo., pp. 167.

Contains the following:

Reports of the Committees of the Commission; Discussion respecting the Publicity Work of the Commission; Resolutions Passed at the Annual Meeting; and the following papers and addresses:

*ROBERTSON, DR. J. W.—Work of the Committee on Lands;
Improving Canadian Agriculture.

CAMPBELL, R. H.—Rocky Mountains Forest Reserve.

*NUNNICK, F. C.—Agricultural Survey, 1911;
Statistical Results of Agricultural Survey.

HODGETTS, DR. C. A.—Housing and Town Planning.

Accompanying Map:

1. *Rocky Mountains Forest Reserve. Scale, 35 miles to 1 inch.

4. Fourth Annual Report (1913).

English edition, 8vo., pp. 238.

French edition, 8vo., pp. . .

Contains the following:

Acting Chairman's Address; Reports of the Committees of the Commission; Resolutions passed at the Annual Meeting; and the following reports and papers:

CAMPBELL, R. H.—Work of the Dominion Forestry Branch.

JONES, J. WALTER—Fur Farming in Canada.

*McMURRICH, DR. J. P.—Salmon Fisheries of British Columbia.

*PATTON, M. J.—Oyster Farming in Prince Edward Island.

*PRINCE, DR. E. E.—The Biological Board of Canada.

*HEWITT, DR. C. G.—The Insect Food of Fresh-water Fishes.

FERNOW, DR. B. E.—Forest Surveys: Northern Ontario; Trent
Watershed.

¶ Conditions in the Clay Belt of New On-
tario.

Trent Canal Watershed Survey.

Reports, Maps, etc., marked thus (*) have been printed separately.

Reports, Maps, etc., marked thus (†) are out of print.

¶ Reprinted, with additions, under same title.

C a t a l o g u e o f P u b l i c a t i o n s

*NUNNICK, F. C.—Agricultural Survey, 1912.

*BENNER, R. C., and O'CONNOR, J. J., JR.—The Smoke Nuisance.

Accompanying Appendices:

1. Canadian Town Planning Laws.
2. Protection of Birds in the United States.
3. Natural Resources of the North Shore, Gulf of St. Lawrence.



AGRICULTURE

1. **Report of the Committee on Lands, 1910.** (See *First Annual Report.*)
2. **Report of the Committee on Lands, 1911.** (See *Second Annual Report.*)
3. **Lands, Fisheries and Game, Minerals (1911).**

English edition, 8vo., pp. 519.

French edition, 8vo., pp. 569.

Contains the following:

Agricultural Survey, 1910*; Agricultural Production in Canada*; Jurisdiction over Fisheries; Summary of the Principal Dominion and Provincial Laws Respecting Fisheries; Whitefish Areas in the Great Lakes; Fish Culture in Canada*; Fisheries of Manitoba*; Fisheries of British Columbia*; Game of British Columbia*; Provincial Revenue from Fisheries and Game; Mineral Production of Canada in 1909 and 1910; and the following reports and papers:

*ROBERTSON, DR. J. W.—Work of the Committee on Lands in 1910.

*WHITE, JAMES—The North Atlantic Fisheries Dispute.

*†PATTON, M. J.—The Canadian Oyster Industry.

*†GAUTHIER, C. W.—Whitefish in the Great Lakes.

*CARBONELL, E. T.—Fisheries of Prince Edward Island.
Game of Prince Edward Island.

*KNIGHT, J. A.—Game of Nova Scotia.

*CHAMBERS, E. T. D.—Game Fisheries of Quebec;
Game of the Province of Quebec.

*VAN VALKENBURG, W. H.—Changes in the Game Laws of Saskatchewan.

DICK, W. J.—Synopsis of the Mining Laws of Canada.
The Conservation of Mineral Resources.
Mine Accidents.

Accompanying Appendix:

Report of Committee of the American Mining Congress, on
Uniform Mining Laws for the Prevention of Mine Accidents.

Reports, Maps, etc., marked thus (*) have been printed separately.

Reports, Maps, etc., marked thus (†) are out of print.

C a t a l o g u e o f P u b l i c a t i o n s

Accompanying Maps:

1. *North Atlantic Fishery Limits. Scale, 35 miles to 1 inch.
2. Lake Ontario, Whitefish Area. Scale, 35 miles to 1 inch.
3. Lake Erie, Whitefish Area. Scale, 35 miles to 1 inch.
4. Lake Huron, Whitefish Area. Scale, 35 miles to 1 inch.
5. Lake Superior, Whitefish Area. Scale, 35 miles to 1 inch.
6. *Distribution of Gold, Silver and Platinum in Canada. Scale, 500 miles to 1 inch.
7. *Distribution of Lead, Copper, Nickel, Zinc, Cobalt, Arsenic, and Antimony in Canada. Scale, 500 miles to 1 inch.
8. *Distribution of Iron, Chromium and Manganese in Canada. Scale, 500 miles to 1 inch.
9. *Distribution of Apatite, Gypsum, Asbestos, Mica, Salt and Graphite in Canada. Scale, 500 miles to 1 inch.
10. *Distribution of Corundum, Cement, Lithographic Stone and Stone Quarries in Canada. Scale, 500 miles to 1 inch.
11. *Distribution of Coal, Petroleum and Natural Gas in Canada. Scale, 500 miles to 1 inch.

4. Agriculture in Ontario and Unsanitary Housing (1911).

Reprinted from *Second Annual Report*.

English edition, 8vo., pp. 59. *Out of print*.

French edition, 8vo., pp. 61.

Contains the following addresses:

JAMES, C. C.—Agricultural Work in Ontario.

HODGETTS, DR. C. A.—Unsanitary Housing.

5. Agricultural Work in Ontario (1911).

Reprinted, in English, from the *Second Annual Report*, 8vo., pp. 28.

Out of print.

Prepared by C. C. James.

6. Agriculture in Canada, 1910 (1911).

Reprinted, in English, from *Lands, Fisheries and Game, Minerals*,

8vo., pp. 35. *Out of print*.

Reports, Maps, etc., marked thus (*) have been printed separately.

Reports, Maps, etc., marked thus (†) are out of print.

C o m m i s s i o n o f C o n s e r v a t i o n

Contains the following reports:

NUNNICK, F. C.—Agricultural Survey, 1910;

Agricultural Production in Canada.

ROBERTSON, DR. J. W.—Work of the Lands Committee, 1910.

7. **Report of the Committee on Lands, 1912.** (See *Third Annual Report*.)

8. **Agricultural Conditions in Canada, 1911** (1912).

Reprinted, in English, from the *Third Annual Report*, 8vo., pp. 41.

Contains the following reports:

ROBERTSON, DR. J. W.—Improving Canadian Agriculture.

NUNNICK, F. C.—Agricultural Survey, 1911.

9. **Report of the Committee on Lands, 1913.** (See *Fourth Annual Report*.)

10. **Agricultural Survey, 1912** (1913).

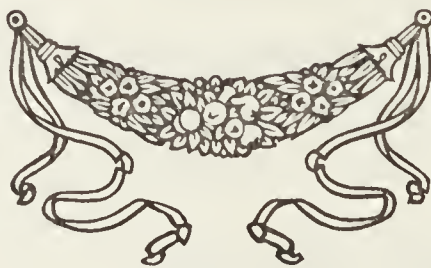
Reprinted, in English, from the *Fourth Annual Report*, 8vo., pp. 22.

Prepared by F. C. Nunnick.

11. **Conditions in the Clay Belt of New Ontario** (1913).

Reprinted, in English, from the *Fourth Annual Report*, with additions, 8vo., pp. 36.

Prepared by Dr. B. E. Fernow.



FISHERIES, GAME AND FUR-BEARING ANIMALS

1. **Fish and Game in Ontario.** (See *First Annual Report*.)
2. **Fur-bearing Animals in Canada, and How to Prevent their Extinction.** (See *First Annual Report*.)
3. **Report of the Committee on Fisheries, Game and Fur-bearing Animals, 1910.** (See *First Annual Report*.)
4. **Lands, Fisheries and Game, Minerals (1911).** (See under *Agriculture*.)
5. **Report of the Committee on Fisheries, Game and Fur-bearing Animals, 1911.** (See *Second Annual Report*.)
6. **Report of the Committee on Fisheries, Game and Fur-bearing Animals, 1912.** (See *Third Annual Report*.)
7. **Animal Sanctuaries in Labrador (1911).**
English edition, 8vo., pp. 38. *Out of print.*
Prepared by Lt.-Col. Wm. Wood, F.R.S.C.
8. **The North Atlantic Fisheries Dispute (1911).**
Reprinted, in English, from *Lands, Fisheries and Game, Minerals*, 1911, 8vo., pp. 62.
Prepared by James White.
Accompanying Maps:
 - (1) *North Atlantic Fishery Limits, Decision of The Hague Tribunal, 1910. Scale, 35 miles to 1 inch.
 - (2) *North Atlantic Fishery Limits, Fisheries Convention, 1818, and Chamberlain-Bayard Treaty, 1888. Scale, 35 miles to 1 inch.
9. **Canadian Oyster Industry (1911).**
Reprinted, in English, from *Lands, Fisheries and Game, Minerals*, 1911, 8vo., pp. 20. *Out of print.*
Prepared by M. J. Patton.

Reports, Maps, etc., marked thus (*) have been printed separately.
Reports, Maps, etc., marked thus (†) are out of print.

C o m m i s s i o n o f C o n s e r v a t i o n

10. Whitefish in the Great Lakes, Fish Culture in Canada, Fisheries of Prince Edward Island, Manitoba and British Columbia (1911).

Reprinted, in English, from *Lands, Fisheries and Game, Minerals*, 1911, 8vo., pp. 48, and tabular matter on production of fish in Canada. *Out of print*.

Contains the following reports:

GAUTHIER, C. W.—Whitefish in the Great Lakes;
Whitefish Areas in the Great Lakes.

DONNELL, A.—Fisheries of Manitoba.

CARBONELL, E. T.—Fisheries of Prince Edward Island.

ATTORNEY GENERAL'S DEPARTMENT, BRITISH COLUMBIA.—Fisheries of British Columbia.

Accompanying Maps:

1. Lake Ontario, Whitefish Area. Scale, 35 miles to 1 inch.
2. Lake Erie, Whitefish Area. Scale, 35 miles to 1 inch.
3. Lake Huron, Whitefish Area. Scale, 35 miles to 1 inch.
4. Lake Superior, Whitefish Area. Scale, 35 miles to 1 inch.

11. The Game Resources of Canada (1911).

Reprinted, in English, from *Lands, Fisheries and Game, Minerals*, 1911, 8vo., pp. 47.

Contains the following reports:

CARBONELL, E. T.—The Game of Prince Edward Island.

KNIGHT, J. A.—The Game of Nova Scotia.

CHAMBERS, E. T. D.—The Game Fisheries of Quebec;
The Game of the Province of Quebec.

VAN VALKENBURG, W. H.—Changes in the Game Laws of Saskatchewan.

ATTORNEY GENERAL'S DEPARTMENT, BRITISH COLUMBIA — The Game of British Columbia.

12. Supplement to Animal Sanctuaries in Labrador (1911).

English edition, 8vo., pp. 38. *Out of print*.

Prepared by Lt.-Col. Wm. Wood, F.R.S.C.

Reports, Maps, etc., marked thus (*) have been printed separately.

Reports, Maps, etc., marked thus (†) are out of print.

13. Sea-Fisheries of Eastern Canada (1912).

English edition, 8vo., pp. 212.

French edition, 8vo., pp. 222.

Contains the following reports and papers:

JONES, DR. C. C.—Address of Chairman of Committee.

PATTON, M. J.—Whitefish of the Great Lakes.

STAFFORD, DR. JOSEPH—Conservation of the Oyster.

FOUND, W. A.—The Lobster Fishery of Canada;
Fish Culture in Canada.

MATHIESON, HON. J. A.—Oyster Fisheries of Prince Edward
Island.

MURRAY, DR. HOWARD—Needs of the Fisheries of Nova Scotia.

COWIE, J. J.—Sea-Fisheries of Eastern Canada.

PRINCE, DR. E. E.—The Shad Fishery of Canada.

Accompanying Appendices:

1. Provincial Leases to Oyster Beds.
2. Proposed *Modus Vivendi* to Permit of the Granting of Leases for Oyster Culture.
3. Annual Catch of Whitefish, 1868-1910.
4. Distribution of Whitefish Fry, 1876-1910.
5. Catch of Shad in Canada, 1874-1910.
6. Recommendations of Dominion Shad Fishery Commission.

Accompanying Maps:

1. *†Lake Superior, Whitefish Area. Scale, 35 miles to 1 inch.
2. *†Lake Huron, Whitefish Area. Scale, 35 miles to 1 inch.
3. *†Lake Erie, Whitefish Area. Scale, 35 miles to 1 inch.
4. *†Lake Ontario, Whitefish Area. Scale, 35 miles to 1 inch.

14. Fur-Farming in Canada (1913).

English edition, 8vo., pp. 166.

French edition, 8vo., pp. 185.

Prepared by J. Walter Jones.

Accompanying Appendices:

1. Value of Wild Animals.
2. Experiences in Raising Virginia Deer.

Reports, Maps, etc., marked thus (*) have been printed separately.
Reports, Maps, etc., marked thus (†) are out of print.

C o m m i s s i o n o f C o n s e r v a t i o n

3. Selected Articles from American Breeders' Association Reports.
4. Reindeer Progress in Alaska.
5. Canadian Legislation Respecting Fur Farming.
6. Statistics of Fur Production.
7. Statistics of Fur Prices.

Accompanying Maps:

1. *Range of the North American Red Foxes in Canada. Scale, 500 miles to 1 inch.
2. *Range of the North American Raccoons in Canada. Scale, 500 miles to 1 inch.
3. *Range of the North American Minks in Canada. Scale, 500 miles to 1 inch.
4. *Range of the American Martens in Canada. Scale, 500 miles to 1 inch.
5. *Range of the large Skunks of the Genus *Mephitis* in Canada. Scale, 500 miles to 1 inch.
6. *Range of the Muskrats in Canada. Scale, 500 miles to 1 inch.
7. *Range of the American Beaver in Canada. Scale, 500 miles to 1 inch.

15. Report of the Committee on Fisheries, Game and Fur-bearing Animals, 1913. (See *Fourth Annual Report*.)

16. Salmon Fisheries of British Columbia (1913).

Reprinted, in English, from the *Fourth Annual Report*, 8vo., pp. 13.
Prepared by Dr. J. P. McMurrich.

17. Oyster Farming in Prince Edward Island (1913).

Reprinted, in English, from the *Fourth Annual Report*, 8vo., pp. 14.
Prepared by M. J. Patton.

18. The Biological Board of Canada (1913).

Reprinted, in English, from the *Fourth Annual Report*, 8vo., pp. 14.
Prepared by Dr. E. E. Prince.

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19. Insect Food of Fresh-water Fishes (1913).

Reprinted, in English, from the *Fourth Annual Report*, 8vo., pp. 12.
Prepared by Dr. C. Gordon Hewitt.

20. The Canadian Oyster, its Development, Environment and Culture (1913). (In press.)

English edition, 8vo., pp. 159.

French edition, 8vo., pp. ..

Prepared by Dr. Joseph Stafford.

Accompanying Appendix:

Bibliography on Oysters.

Accompanying Map:

Malpeque Bay, Prince Edward Island. Scale, 1.75 miles to 1 inch.



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FORESTS

1. **Scientific Forestry in Europe.** (See *First Annual Report*.)
2. **Diseases of Forest Trees.** (See *First Annual Report*.)
3. **Insects Destructive to Canadian Forests.** (See *First Annual Report*.)
4. **Report of the Committee on Forests, 1910.** (See *First Annual Report*.)
5. **Proposed Legislation re Forest Fires.** (See *Second Annual Report*.)
6. **Report of the Committee on Forests, 1911.** (See *Third Annual Report*.)
7. **Resolutions Adopted by the Dominion Forestry Association (1911).** (See *Second Annual Report*.)
8. **The Swedish Forest Conservation Law.** (See *Second Annual Report*.)
9. **Conserving the Forests.** (See *Second Annual Report*.)
10. **The Forestry Problems of British Columbia.** (See *Second Annual Report*.)
11. **Forest Conditions of Nova Scotia (1912).**
English edition, 8vo., pp. 98.
French edition, 8vo., pp. 107.

Contains the following reports:

FERNOW, DR. B. E.—Forest Conditions of Nova Scotia.

HOWE, DR. C. D.—Distribution and Reproduction of the Forest
in Relation to Underlying Rocks and Soils.

Accompanying Maps:

1. *†Forest Distribution in Nova Scotia (Yarmouth sheet; comprising the Counties of Yarmouth, Shelburne, Digby, and

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- portions of Annapolis and Queens). Scale, $\frac{1}{250,000}$ or 3.95 miles to 1 inch.
2. *†Forest Distribution in Nova Scotia (Halifax sheet; comprising portions of the Counties of Queens, Annapolis, Halifax, Colchester, and the Counties of Lunenburg, Kings, Hants and Cumberland). Scale, $\frac{1}{250,000}$ or 3.95 miles to 1 inch.
3. *Forest Distribution in Nova Scotia (Truro sheet; comprising portions of the Counties of Halifax, Colchester, Antigonish and Guysborough, and the County of Pictou). Scale, $\frac{1}{250,000}$ or 3.95 miles to 1 inch.
4. *†Forest Distribution in Nova Scotia (Cape Breton sheet; comprising portions of the Counties of Antigonish and Guysborough, and the Counties of Richmond, Cape Breton, Victoria and Inverness). Scale, $\frac{1}{250,000}$ or 3.95 miles to 1 inch.
5. *Geological Map of Nova Scotia. Scale, 12 miles to 1 inch.
12. **Rocky Mountains Forest Reserve.** (See *Third Annual Report*.)
13. **Report of the Committee on Forests, 1912.** (See *Third Annual Report*.)
14. **Conditions in the Clay Belt of New Ontario (1913).**
Reprinted, in English, from the *Fourth Annual Report*, with additions, 8vo., pp. 36.
Prepared by Dr. B. E. Fernow.
15. **Work of the Dominion Forestry Branch.** (See *Fourth Annual Report*.)
16. **Forest Surveys: Northern Ontario; Trent Watershed.** (See *Fourth Annual Report*.)
17. **Report of the Committee on Forests, 1913.** (See *Fourth Annual Report*.)

Reports, Maps, etc., marked thus (*) have been printed separately.
Reports, Maps, etc., marked thus (†) are out of print.

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18. Forest Protection in Canada, 1912 (1913).

English edition, 8vo., pp. 174.

French edition, 8vo., pp. . .

Prepared by Clyde Leavitt.

Accompanying Appendices:

1. Dominion Forest Reserve Extension.

2. Memorandum regarding the Country between Sudbury and
Port Arthur, Ont. By J. H. White.

3. Opinions on Oil Fuel.

Accompanying Map:

Oil and Coal Burning Railways in Canada and United States.
Scale, 230 miles to 1 inch.

19. Trent Watershed Survey (1913). (In press.)

English edition, 8vo., pp. . .

French edition, 8vo., pp. . .

Prepared by Dr. C. D. Howe and J. H. White, B.Sc.F.; with an
Introduction by Dr. B. E. Fernow.



Reports, Maps, etc., marked thus (*) have been printed separately.
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MINERALS

1. **Possible Economies in the Production of Minerals in Canada.** (See *First Annual Report.*)
2. **Report of the Committee on Minerals, 1910.** (See *First Annual Report.*)
3. **Mining in British Columbia.** (See *Second Annual Report.*)
4. **Synopsis of the Mining Laws of Canada.** (See under *Agriculture.*)
5. **The Conservation of Mineral Resources.** (See under *Agriculture.*)
6. **Mine Accidents.** (See under *Agriculture.*)
7. **Report of the Committee on Minerals, 1911.** (See *Second Annual Report.*)
8. **Report of the Committee on Minerals, 1912.** (See *Third Annual Report.*)
9. **Mine Rescue Work in Canada (1912).**
English edition, 8vo., pp. 50.
French edition, 8vo., pp. 49.
Prepared by W. J. Dick.
Accompanying Appendices:
 1. Rescue Stations and Rescue Work.
 2. Rescue Work in Mines.
 3. Recommendations of National Mine Rescue Conference.
10. **Report of the Committee on Minerals, 1913.** (See *Fourth Annual Report.*)
11. **Conservation of Minerals in Canada (1913).** (In press.)
English edition, 8vo., pp. ..
French edition, 8vo., pp. ..
Prepared by W. J. Dick.

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Accompanying Appendix:

By-Product Coke Oven Plant of Algoma Steel Co.

Accompanying Maps:

1. *Domestic Coal Consumption in Canada. Scale, 197.3 miles to 1 inch.
2. *Coal Consumption of Railways in Canada. Scale, 100 miles to 1 inch.



PUBLIC HEALTH

1. **Measures for the Maintenance and Improvement of Public Health.**
(See *First Annual Report*.)
2. **Report of the Committee on Public Health, 1910.** (See *First Annual Report*.)
3. **Pure Water and the Pollution of Waterways (1910).**
English edition, 8vo., pp. 54. *Out of print.*
Prepared by Dr. Chas. A. Hodgetts.
4. **Report of the International Commission on the Control of Bovine Tuberculosis (1910).**
English edition, 8vo., pp. 41. *Out of print.*
5. **Tuberculosis.** (See *Second Annual Report*.)
6. **Report of the Committee on Public Health, 1911.** (See *Second Annual Report*.)
7. **Proceedings of the Dominion Public Health Conference of 1910.**
(See *Second Annual Report*.)
8. **Opinions of the Provinces on the Recommendations of the Dominion Public Health Conference of 1910.** (See *Second Annual Report*.)
9. **Memorandum on Biological Laboratories, 1911.** (See *Second Annual Report*.)
10. **Sewage Disposal in Saskatchewan, 1911.** (See *Second Annual Report*.)
11. **A Federal Health Laboratory and the Manufacture of Antitoxins and Sera, 1911.** (See *Second Annual Report*.)
12. **Agriculture in Ontario; Unsanitary Housing (1911).**
English edition, 8vo., pp. 59. *Out of print.*

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French edition, 8vo., pp. 61.

Prepared by C. C. James and Dr. Chas. A. Hodgetts.

13. Report on the Epidemic of Typhoid Fever Occurring in the City of Ottawa, 1911.

English edition, 8vo., pp. 48. *Out of print.*

Prepared by Dr. Chas. A. Hodgetts.

Accompanying Maps:

1. Plan of the City of Ottawa. Scale, 1,600 feet to 1 inch.

2. Plan of Cave Creek, showing location of privies within area drained. Scale, 1,600 feet to 1 inch.

3. Plan of the City of Ottawa, showing typhoid fever cases, Jan. 1, to Jan. 7, 1911. Scale, 1,600 feet to 1 inch.

14. Report of the Committee on Public Health, 1912. (See *Third Annual Report.*)

15. Housing and Town Planning (1912). (See *Third Annual Report.*)

16. The Prevention of the Pollution of Canadian Surface Waters (1912).

English edition, 8vo., pp. 24.

French edition, 8vo., pp. 24. *Out of print.*

Prepared by T. Aird Murray.

17. The Epidemics of Typhoid Fever in the City of Ottawa (1912).

English edition, 8vo., pp. 11.

Prepared by Dr. Chas. N. B. Camac.

18. Refuse Collection and Disposal (1913).

English edition, 8vo., pp. 12.

French edition, 8vo., pp. 12.

Prepared by Dr. Chas. A. Hodgetts.

19. Report of the Committee on Public Health, 1913. (See *Fourth Annual Report.*)

20. The Smoke Nuisance.

Reprinted, in English, from the *Fourth Annual Report*, 8vo., pp. 19.

Prepared by Dr. R. C. Benner and J. J. O'Connor, Jr.

Reports, Maps, etc., marked thus (*) have been printed separately.

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WATERS AND WATER-POWERS

1. **Report of the Committee on Waters and Water-Powers, 1910.**
(See *First Annual Report*.)
2. **The Conservation of the Water-Powers of Ontario.** (See *First Annual Report*.)
3. **The Water Wealth of Canada with Special Reference to the Ottawa River Basin.** (See *First Annual Report*.)
4. **Report of the Committee on Waters and Water-Powers, 1911.**
(See *Second Annual Report*.)
5. **Discussion of Mr. F. D. Monk's Bill Respecting Water-Powers.**
(See *Second Annual Report*.)
6. **Water-Powers of Canada (1911).**
English edition, 8vo., pp. 397.
French edition, 8vo., pp. 424.

Contains the following reports:

- WHITE, ARTHUR V.—Water-Power Data;
Water-Powers of Ontario;
Water-Powers of Nova Scotia;
Water-Powers of New Brunswick;
Inland Waters of Prince Edward Island;
Bibliography.
- DENIS, LEO G.—Water-Powers of Quebec;
Water-Powers of Manitoba, Saskatchewan, Alberta, Yukon, and North-West Territories.
- DICK, W. J.—Water-Powers of British Columbia.
- HULL, GEORGE B.—Irrigation in Western Canada.

Accompanying Appendices:

1. Boundary Waters Treaty of 1909.
2. Bed of Navigable Waters Act, Ontario.
3. Electricity and Fluid Exportation Act, Canada.

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4. Regulations under the Electricity and Fluid Exportation Act.
5. Form of License to Export Power, Canada.

Accompanying Maps:

1. *Transmission Lines, Southwestern Ontario. Scale, 35 miles to 1 inch.
 2. *Transmission Lines, Quebec and New Brunswick. Scale, 35 miles to 1 inch.
 3. *Transmission Lines, N. E. and N. W. Ontario. Scale, 35 miles to 1 inch.
 4. *Drainage Basin of East River Sheet Harbour. Scale, 3.95 miles to 1 inch.
 5. *Transmission Lines in Western Canada. Scale, 35 miles to 1 inch.
 6. *Water-Powers in New Brunswick, Nova Scotia and Prince Edward Island. Scale, 35 miles to 1 inch.
 7. *Water-Powers in Quebec. Scale, 35 miles to 1 inch.
 8. *Water-Powers in Ontario. Scale, 35 miles to 1 inch.
 9. *Water-Powers in Prairie Provinces. Scale, 35 miles to 1 inch.
 10. *Irrigation Canals in Southern Alberta. Scale, 18 miles to 1 inch.
 11. *Water-Powers in British Columbia. Scale, 35 miles to 1 inch.
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7. **Report of the Committee on Waters and Water-Powers, 1912.**
(See *Third Annual Report*.)
 8. **Instructions Relating to the Gathering of Certain Preliminary Information Respecting Water-Powers (1912).**
English edition, 8vo., pp. 31.
Prepared by Arthur V. White.
 9. **Protest Against Further Diversion of Water from Lake Michigan for the Chicago Drainage Canal (1912).**
English edition, 8vo., pp. 27. *Out of print*.

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10. **Re Papers Relating to the Diversion of Water from Lake Michigan by the Sanitary District of Chicago** (1912).

English edition, 8vo., pp. 7. *Out of print.*

11. **Papers Relating to the Application of the Sanitary District of Chicago, for Permission to Divert 10,000 cubic feet of water per second from Lake Michigan** (1912).

English edition, 8vo., pp. 270. *Out of print.*

Contains the Case of the Canadian Government; the Protest of the Commission of Conservation; Arguments, Statements, Memorials, Letters, etc., presented on behalf of Canada, before the Secretary of War at Washington in March, 1912. Also the Reply of the Sanitary District, and the Reply in rebuttal on behalf of Canada.

Prepared by James White and Arthur V. White. (Published by the Department of Marine and Fisheries.)

12. **Water-Works of Canada** (1913).

English edition, 8vo., pp. 108.

French edition, 8vo., pp. 127.

Prepared by Leo G. Denis.

Accompanying Appendices:

Table No. 1—Number of Water-Works Plants in each Province, 1911. (Classified.)

Table No. 2—Number of Water-Works Plants in Canada, 1850-1911.

Table No. 3—Rates and Consumption in Cities and Towns.

Table No. 4—Sewage Disposal in Canada.

13. **Report of Committee on Waters and Water-Powers 1913.** (See *Fourth Annual Report.*)

14. **Long Sault Rapids, St. Lawrence River** (1913). An enquiry into the constitutional and other aspects of the project to develop power therefrom.

English edition, 8vo., pp. 384.

French edition, 8vo., pp. . .

Prepared by Arthur V. White.

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Accompanying Appendices:

1. Act of Incorporation of Long Sault Development Company.
2. Unconstitutionality of Long Sault Development Company's Charter.
3. (a) Act of Repeal of Act of Incorporation.
(b) Act Providing for Claims under Act of Repeal.
4. Malby Bill, H.R. 14531.
5. Memo. in Opposition to Bill H.R., 14531.
6. Memo. on Rights and Powers of the Long Sault Development Company.
7. References to Reports of International Waterways Commission.
8. Proposed Works of St. Lawrence Power Company and the Long Sault Development Company.
9. (a) Bill to Incorporate St. Lawrence Power Transmission Company (Canada.)
(b) Act of Incorporation of St. Lawrence Power Transmission Company (Canada.)
10. Act of Incorporation of the St. Lawrence Power Company.
11. (a) First Report of Canadian Government Engineers.
(b) Second Report of Canadian Government Engineers.
12. St. Lawrence River Power Company's Certificate of Incorporation.
13. (a) St. Lawrence Transmission Company's Certificate of Incorporation.
(b) St. Lawrence Transmission Company's Certificate Giving Consent of Stockholders to Increase the Number of Directors.
14. Massena Electric Light and Power Company's Certificate of Incorporation.
15. New York and Ontario Power Company's Certificate of Incorporation.
16. Humphreys Bill, H.R. 22207.
17. (a) Burton Bill, S. 6795.
(b) Amendment to Bill S. 6795.

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18. (a) Young Bill, H.R. 32219.
(b) Report on Bill, H.R. 32219.
19. (a) Oliver Bill, S. 10558.
(b) Report on Bill, S. 10558.
20. Hearings on Bill, S. 10558.
21. Malby Bill, H.R. 22950.
22. General Dam Laws, Enacted by U. S. Congress.
23. U. S. Federal Act to Regulate Construction of Bridges over Navigable Waters.
24. Conditions on the St. Lawrence River between Prescott and Cornwall.
25. Ice Conditions on the St. Lawrence. By Prof. H. T. Barnes.
26. Ice Jams between Morrisburg and Cornwall.
27. Effect in Canadian Waters of a Power-House Built in the Long Sault Channel.
28. Reasons for Opposing the Project to Dam the Long Sault Channel.
29. Protest of the Montreal Board of Trade.
30. Proceedings before International Waterways Commission, Feb. 8-9, 1910.

Accompanying Maps:

1. *Long Sault Rapids and Vicinity. Scale, 3,500 feet to 1 inch.
2. *Position of Long Sault Water-Power with Reference to Ontario, Quebec and United States. Scale, 35 miles to 1 inch.
3. *Maximum Extent of Ice on River St. Lawrence. Scale, 2 miles to 1 inch.

BULLETINS

The Commission issues an eight-page illustrated monthly bulletin entitled *Conservation*. Various matters of interest to the conservationist are treated in short, succinct articles, suitable for clipping and re-publication.

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